

three inches = one foot

one and one half inch = one foot

one inch = one foot

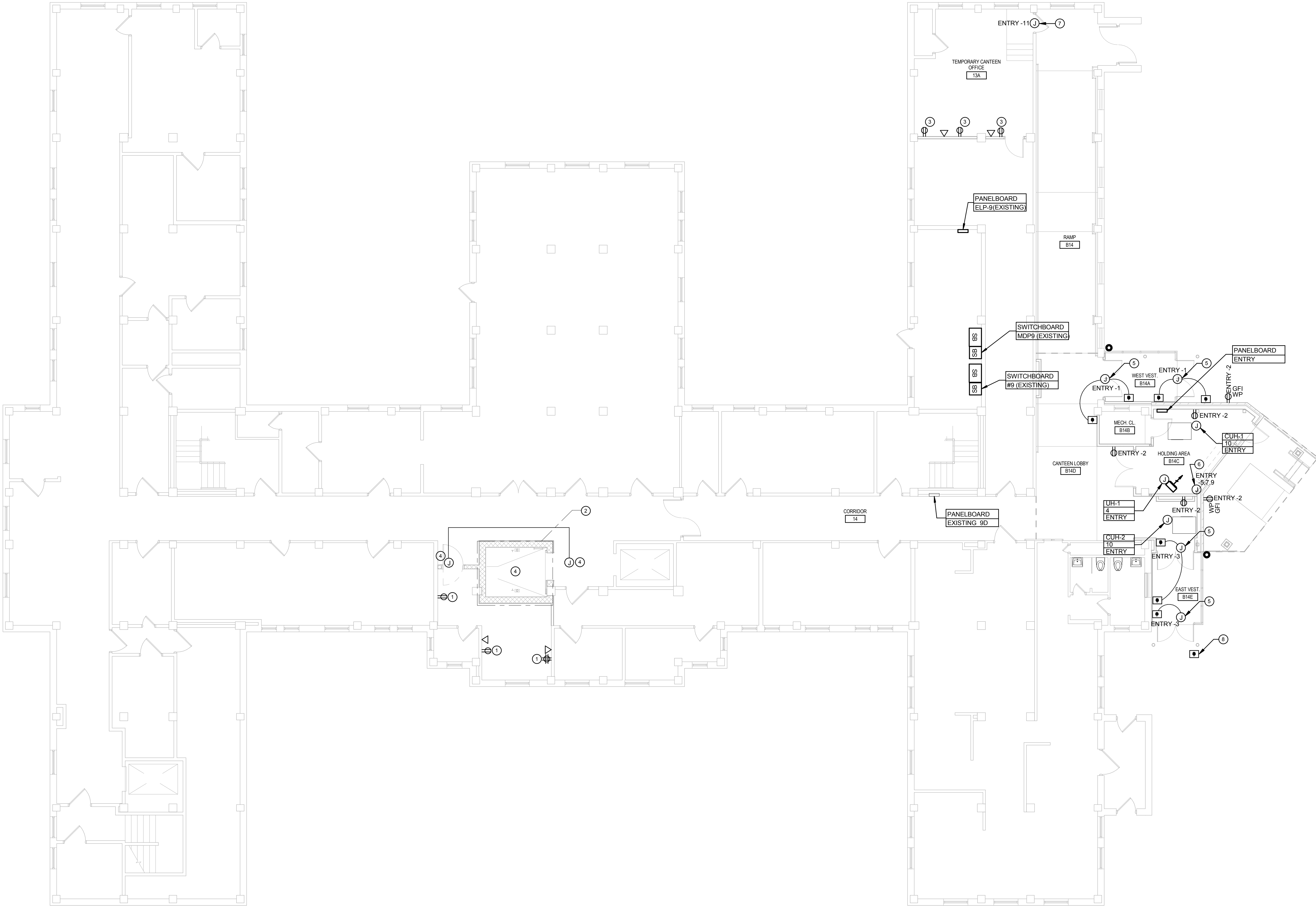
three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot



- ELECTRICAL GENERAL NOTES
1.

FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN THE FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE ARCHITECT OR OWNER'S REPRESENTATIVE. WHERE STRUCTURAL OPENINGS ARE NOT AVAILABLE, THE CONTRACTOR SHALL CORE DRILL WALLS AND FLOORS AS REQUIRED TO PERMIT PASSAGE OF CONDUITS. THE E.C. SHALL PROVIDE A MARKED UP PLAN WITH LOCATIONS OF PENETRATIONS FOR REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER BEFORE ROUGH-IN BEGINS.
2.

RECEPTACLES FOR ALL EQUIPMENT SHALL BE COMPLETE WITH PLUGS FOR THIS EQUIPMENT. THE E.C. SHALL VERIFY NEMA CONFIGURATION OF PLUGS AND RECEPTACLES FOR EQUIPMENT IN THE SPACE.
3.

DURING THE BIDDING PROCESS, THE ELECTRICAL CONTRACTOR SHALL REVIEW DRAWINGS AND SPECIFICATIONS OF ALL OTHER TRADES (ARCHITECTURAL, SITESLANDSCAPING HVAC, PLUMBING AND SPECIALTY TRADES). ALL ITEMS REQUIRING POWER INDICATED ON THESE DRAWINGS BUT NOT INDICATED ON THE ELECTRICAL DRAWINGS SHALL BE CONSIDERED A PART OF THE ELECTRICAL CONTRACTOR'S WORK. THIS WORK SHALL BE INSTALLED AS PER NEC REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
4.

THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MAKE ALL FEEDER RUNS CONTINUOUS (NO CABLE BREAKS). IF SPLICING OF CABLES IN BOXES BECOMES NECESSARY, USE O.Z.G. TYPE "XW" CABLE TAPS, OR APPROVED EQUAL, AND TAPE EACH TAP IN APPROVED MANNER.
5.

THE MECHANICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES AND STARTERS FOR ALL OF HIS UNITS. THE E.C. SHALL RECEIVE THESE ITEMS FROM THE M.C. FOR INSTALLATION BY THE E.C.
6.

THE E.C. SHALL COORDINATE HIS CONDUIT PENETRATIONS FOR ROOFTOP EQUIPMENT WITH THE M.C. AND ROOFING CONTRACTOR. IF PROVISIONS ARE NOT IN PLACE FOR THESE PENETRATIONS THE E.C. SHALL BE RESPONSIBLE FOR MAKING HIS OWN PENETRATIONS AND CONTRACTING THE ROOF CONTRACTOR FOR SEALING THE ROOF PENETRATIONS.

- NUMBERED NOTES (This Drawing)
- 1

CONNECT RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT PRESENTLY FEEDING THIS ROOM.
- 2

REFER TO DRAWING E602 FOR DETAIL INFORMATION ON ELEVATOR.
- 3

CONNECT (3) NEW RECEPTACLES TO EXISTING SPARE 20A-1P CIRCUIT BREAKER IN PANEL 9D.
- 4

RE-ROUTE CONDUIT, CABLES, AND DATA WIRING AROUND AREA WHERE NEW ELEVATOR WILL BE INSTALLED. PROVIDE JUNCTION BOXES AS NEEDED FOR A COMPLETE INSTALLATION.
- 5

JUNCTION BOX FOR POWER CONNECTION TO AUTOMATIC DOOR CONTROLLER. COORDINATE LOCATION OF CONTROLLER AND SWITCHES WITH DOOR INSTALLER PRIOR TO ROUGH-IN.
- 6

JUNCTION BOX FOR POWER CONNECTION TO DOCK LIFT CONTROLLER. COORDINATE LOCATION OF CONTROLLER WITH DOCK LIFT INSTALLER PRIOR TO ROUGH-IN.
- 7

JUNCTION BOX FOR POWER CONNECTION TO DOOR SECURITY DEVICE CONTROLLER. COORDINATE LOCATION PRIOR TO ROUGH-IN.
- 8

AUTO DOOR PUSH BUTTON SHALL BE PEDASTAL MOUNTED. COORDINATE WITH DOOR INSTALLER PRIOR TO ROUGH-IN.

1 POWER & SYSTEMS PLAN - BASEMENT

1/8" = 1'-0"

Revisions:

Date

CONSULTANTS:

HOPE FURRER Associates, Inc.

ARCHITECTS/ENGINEERS:

A|E works

6587 HAMILTON AVENUE
PITTSBURGH, PENNSYLVANIA 15206
PH: 412.287.7333 FAX: 412.287.7334
www.ae-works.com

Drawing Title

POWER & SYSTEMS PLAN - BASEMENT

Approved: Project Director

Project Title

BUILDING 9 - SECOND FLOOR RENOVATION

Location: 1400 Blackhorse Hill Road
Coatesville, PA 19320

Project Number

542-13-105

Building Number

9

Drawing Number

E200

Dwg. 107 of 125

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231123456789